

Railing Designation	TS-1 *	PF-2	PS-2	TX **
Height Designation	Common	Pedestrian	Pedestrian	Pedestrian
Mounting Location	On bridge coping	Flush with bridge deck	Atop sidewalk of minimum 5 ft width	Either atop sdwk. of 5 ft min. width, or flush with bridge deck
Railing Elements	Thrie-beam with steel posts	2 steel tubes with steel posts on concrete parapet	2 steel tubes with steel posts on concrete parapet	Concrete
Total Height	2'-9"	3'-6"	3'-6"	3'-6"
Bridge-Railing Standard Drawings	n/a	706-BRPP-02, and -05, -06	706-BRPP-04, and -05, -06	706-BRTX-01 through -04
Bridge-Railing Transition	none	TPF-2	TPS-2	TTX
Br.-Rlg.-Trans. Standard Drawings	n/a	706-TTPP-03, and -04	706-TTPP-07 and -08	706-TTTX-01 and -02
Guardrail Transition	TGS-1	TGB	TGB	TGB
Gdrl.-Trans. Standard Drawings	n/a	601-TTGB-01 through -05	601-TTGB-01 through -05	601-TTGB-01 through -05

\* Bridge railing type TS-1 may be used only on a local-public-agency collector or local road. Details for the bridge railing and transition are shown in INDOT Recurring Plan Detail 706-B-140d.

\*\* Bridge railing type TX should be considered for an aesthetically-sensitive area.

## BRIDGE-RAILING TYPES TEST LEVEL 2

**Figure 404-4B  
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Railing Designation	FC	TR ***	PS-1	PF-1
Height Designation	Common	Common	Pedestrian	Pedestrian
Mounting Location	Flush with bridge deck	On existing concrete parapet	Atop sidewalk of minimum 5 ft width	Flush with bridge deck
Railing Elements	Concrete, shape F	Thrie beam with steel posts	1 steel tube with steel posts on concrete parapet	1 steel tube with steel posts on concrete parapet
Total Height	2'-9"	2'-10"	3'-6"	3'-6"
Bridge-Railing Standard Drawings	706-BRSF-01, and -03	706-BRTR-01, through -04	706-BRPP-03, and -05, -06	706-BRPP-01, and -05, -06
Bridge-Railing Transition	TFC	none	TPS-1	TPF-1
Br.-Rlg.-Trans. Standard Drawings	706-TTFC-01 through -03	n/a	706-TTPP-05 and -06	706-TTPP-01 and -02
Guardrail Transition	TGB	TGR	TGB	TGB
Gdrl.-Trans. Standard Drawings	601-TTGB-01 through -05	706-BRTR-05 and -06	601-TTGB-01 through -05	601-TTGB-01 through -05

\*\*\* Bridge-railing type TR should be used only to replace existing aluminum bridge railing where no other modifications to a bridge are to be made, either as a spot improvement or within the limits of a 3R or 4R project.

## BRIDGE-RAILING TYPES TEST LEVEL 4

**Figure 404-4B  
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Railing Designation	FT	TF-2
Height Designation	Truck	Truck
Mounting Location	Flush with bridge deck	Flush with bridge deck
Railing Element	Concrete, shape F	2 steel tubes with steel posts on concrete parapet
Total Height	3'-9"	4'-2"
Bridge-Railing Standard Drawings	706-BRSF-02, and -03	706-BRTF-01 through -04
Bridge-Railing Transition	TFT	TTF-2
Br.-Rlg.-Trans. Standard Drawings	706-TTFT-01 through -03	706-TTTF-01 through -04
Guardrail Transition	TGB	TGB
Gdrl.-Trans. Standard Drawings	601-TTGB-01 through -05	601-TTGB-01 through -05

**BRIDGE-RAILING TYPES  
TEST LEVEL 5**

**Figure 404-4B  
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